

PEGA SURFACE FULL COVERAGE

Accent / General Illumination

Job Information		
Project Name		Type
Location		
Quantity		Date
Contact/Phone		
Notes		

Features

Construction

The PEGA is available with multiple light source options including single color (2700 K / 3000 K / 3500 K / 4000 K), dim to warm (2000 K - 3000 K), OnCloud Tunable White (2200 K - 6500 K), Full Color + Tunable White (RGB + 2200 K - 6500 K), producing up to 2,880 lumens per meter for any linear application.

Color Quality

Achieves full color, combining RGB and Tunable White (2200 K - 6500 K), with 90+ CRI in the Tunable White range and an R9 of up to 95.

Lumen Maintenance

LEDs reduce ongoing maintenance, has a rated life of over 50,000 hours.

Power Consumption

Operates as a constant voltage load at 24VDC, and consumes up to 30 Watts per meter.

Dimming

The LED tape is Wi-Fi dimmable when used with our OnCloud Adapter / High Power OnCloud Adapter. Standard constant voltage dimming drivers available for single color and dim to warm light sources.

Beam Spread

This LED tape features a 97° linear beam spread to provide even light distribution.

Operating Temperature

-20°C~42°C (-4°F~108°F)

Mounting

Multiple options including surface flush (default), magnetic, swivel, and wall bracket hardware. Refer to page 2 for

additional mounting hardware.

Environment

Suitable for dry, damp locations.

LED Driver

24V DC driver available as hardwire with a DC 2.1 connector. Drivers feature open and short circuit protection, and over voltage protection.

Includes

- Tape at selected length with powerfeed
 - LED Driver
 - 24V 5-channel OnCloud adapter
 - Extrusion with lens, end caps, and selected mounting hardware
- Note: Connectors sold separately, see accessories below.

SPECIFICATION	
Application	General / Accent Illumination
Approved location	Damp
Beam Angle	97°
Single Color	2700K / 3000 K / 3500 K / 4000 K
Dim-to-Warm	2000 K ~ 3000 K
OnCloud Tunable White	2200 K ~ 6500 K
Full Color + Tunable White	RGB + 2200 K ~ 6500 K
Certification	cETLus (for tape and drivers)
CRI	90+
Dimming	Yes*
Dimming Technology	TRIAC/ELV and Wireless OnCloud*
Lumens	Refer to Light Source Chart
Max. Op. Temp.	42°C (108°F)
Min. Start Temp.	-20°C (-4°F)
Power Supply Type	Constant Voltage
Projected Life	70% @ 50,000 hrs
Voltage	24V DC
Warranty	3-Year

* Constant voltage driver TRIAC/ELV dimming and OnCloud Wi-Fi dimming options.

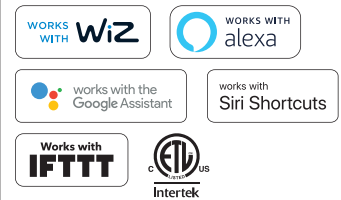
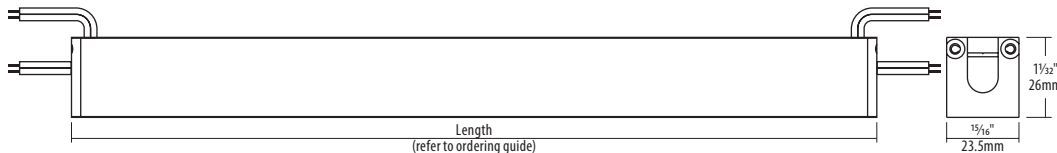
Light Source (90+ CRI)	Power Output W/ft	Power Output W/m	Lumen Output lm/ft	Lumen Output lm/m
2700 K	4.5	14.4	245	805
2700 K, High Output	9	30	365	1,200
3000 K	4.5	14.4	255	830
3000 K, High Output	9	30	385	1,265
3500 K	4.5	14.4	255	830
3500 K, High Output	9	30	400	1,310
4000 K	4.5	14.4	265	870
4000 K, High Output	9	30	430	1,410
Dim-to-Warm	4.5	14.4	175	565
Tunable White	3	10	135	435
OnCloud RGBTW	1 / 1.2 / 1.8	3.3 / 3.9 / 5.9	40 / 55 / 70	125 / 175 / 225
OnCloud RGBTW, High Output	6	19	265	860



Description

The PEGA surface full coverage is an accent or general illumination low voltage linear light that is made to ordered length. This product offers a very flexible linear light solution for residential, retail, and commercial applications. Available in fixed color, dim-to-warm, tunable white OnCloud, and RGBTW OnCloud options.

Technical Drawings

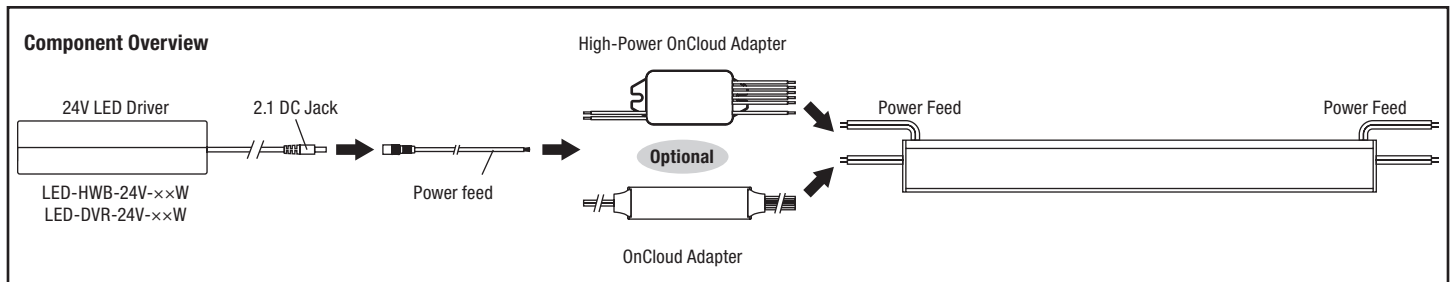


Notes: Additional accessories, including end caps with hole for side feed, mounting bracket options and extensions sold separately. Refer to page 2 for accessories. For additional options please consult your Liteline representative. Due to our continued efforts to improve our products, product specifications are subject to change without notice.

Ordering Guide

	Color	Power	Length	Finish	Lens	Driver	Mounting	Power Feed
LIN								
CCT								
27 : 2700 K		14 : 4.5 W/ft 14.4 W/m, 265 lm/ft 870 lm/m	08-96 : Length ² (4" increments)	AL : Aluminum	FR : Frosted	Y : No Driver (for daisy-chain)	F : Surface	1 : One Back
30 : 3000 K		30 : 9 W/ft 30 W/m, 430 lm/ft 1410 lm/m		BK : Black	BK : Black	D : Dimming Driver 120-277V TRIAC/0-10V ⁴		2 : One End
35 : 3500 K				WH : White		N : Non-Dimming Driver 120V ⁴		3 : Two Back
40 : 4000 K						O : OnCloud (OnCloud Adapter + Non-dimming 120V Driver ³)		4 : Two End
Dim-to-Warm								
DW : 3000 K ~ 2000 K		15 : 4.4 W/ft 14.4 W/m, 175 lm/ft 565 lm/m				L : Lutron Hi-Lume EcoSystem (120-277V) ⁴		
Tunable White (OnCloud)								
TW : Tunable White (2200 K ~ 6500 K) ¹		10 : 3 W/ft 10 W/m, 135 lm/ft 435 lm/ft				A : Lutron Athena, 0-10V Dimming (120-277V) ⁴		
Full Color + Tunable White (OnCloud)								
FC : Full Color + TW (RGB + 2200 K ~ 6500 K) ¹		03 : 1 W/ft 3 W/m, 40 lm/ft 125 lm/m				V : Lutron Vive, 0-10V Dimming (120-277V) ⁴		
		04 : 1.2 W/ft 4 W/m, 55 lm/ft 175 lm/m						
		06 : 1.8 W/ft 6 W/m, 70 lm/ft 225 lm/m						
		19 : 6 W/ft 19 W/m, 265 lm/ft 860 lm/m						

¹ For "TW" and "FC" Color options, "O" Driver option must be selected (dimming is achieved within the OnCloud ecosystem). ² Nominal length. ³ "O" Driver option can be selected for any Color and Power option, it will include both OnCloud Adapter and non-dimming driver. ⁴ Compatible with CCT and Dim-To-Warm Color options only.



Mounting Accessories

	TP-AL2426-BKT-PH-AL Hidden bracket, aluminum, for use with TP-AL2426 channel series.		TP-AL2426-BKT-1S-AL 1-Side wall bracket, aluminum, for use with TP-AL2426 channel series.		TP-AL2426-BKT-2S-WH 2-Side wall bracket, white, for use with TP-AL2426 channel series.
	TP-AL2426-BKT-M-AL Magnetic bracket, aluminum, for use with TP-AL2426 channel series.		TP-AL2426-BKT-1S-BK 1-Side wall bracket, black, for use with TP-AL2426 channel series.		TP-AL2426-BKT-SW-AL Swivel bracket, aluminum, for use with TP-AL2426 channel series.
	TP-AL2426-BKT-90-AL 90-Deg wall bracket, aluminum, for use with TP-AL2426 channel series.		TP-AL2426-BKT-1S-WH 1-Side wall bracket, white, for use with TP-AL2426 channel series.		TP-AL2426-BKT-SW-BK Swivel bracket, black, for use with TP-AL2426 channel series.
	TP-AL2426-BKT-90-BK 90-Deg wall bracket, black, for use with TP-AL2426 channel series.		TP-AL2426-BKT-2S-AL 2-Side wall bracket, aluminum, for use with TP-AL2426 channel series.		TP-AL2426-BKT-SW-WH Swivel bracket, white, for use with TP-AL2426 channel series.
	TP-AL2426-BKT-90-WH 90-Deg wall bracket, white, for use with TP-AL2426 channel series.		TP-AL2426-BKT-2S-BK 2-Side wall bracket, black, for use with TP-AL2426 channel series.		

Extension Accessories

	TP-AL2426-EXT-S Straight extender, for use with TP-AL2426 channel series.		TP-AL2426-EXT-H90 90-Deg horizontal extender, for use with TP-AL2426 channel series.		TP-AL2426-EXT-V90 90-Deg vertical extender, for use with TP-AL2426 channel series.
	TP-AL2426-EXT-H45 45-Deg horizontal extender, for use with TP-AL2426 channel series.		TP-AL2426-EXT-V45 45-Deg vertical extender, for use with TP-AL2426 channel series.		

End Caps

	TP-AL2426-EC-FL-AL End cap, aluminum, for use with TP-AL2426-AL with full coverage lens.		TP-AL2426-EC-FL-BK End cap, black, for use with TP-AL2426-BK with full coverage lens.		TP-AL2426-EC-FL-WH End cap, white, for use with TP-AL2426-WH with full coverage lens.
	TP-AL2426-EC-FLH-AL End cap with hole, aluminum, for use with TP-AL2426-AL with full coverage lens.		TP-AL2426-EC-FLH-BK End cap with hole, black, for use with TP-AL2426-BK with full coverage lens.		TP-AL2426-EC-FLH-WH End cap with hole, white, for use with TP-AL2426-WH with full coverage lens.

Reflector



TP-AL2426-REF-WH
8' High efficiency reflector, white, for use with TP-AL2426 kit series. Provides up to 12% increased light output.

Lenses



TP-AL2426-LENS-FL
8' Full coverage lens, frosted, for use with TL-AL2426 channel series.



TP-AL2426-LENS-FLBK
8' Full coverage lens, black, for use with TL-AL2426 channel series.

Corners



TP-AL2426-90C-AL
90° Corner profile, 6"x6", aluminum, for use with TP-AL2426-AL kit series.



TP-AL2426-90C-BK
90° Corner profile, 6"x6", black, for use with TP-AL2426-BK kit series.



TP-AL2426-90C-WH
90° Corner profile, 6"x6", white, for use with TP-AL2426-WH kit series.

Covers



TP-AL2426-COVER-AL
8' Cover, aluminum, for use with TP-AL2426-AL kit series.



TP-AL2426-COVER-BK
8' Cover, black, for use with TP-AL2426-BK kit series.



TP-AL2426-COVER-WH
8' Cover, white, for use with TP-AL2426-WH kit series.

OnCloud Accessories



LC-CRTL-SCENE-1
OnCloud Room Controller, Wi-Fi, On/OFF, CCT, Dimming and favourite scenes.

Extension Cable



AW20-RGBTW-SJT6-50
50-ft SJT6 AWG20 extension cable.

Precision Pro



TP-AL2426-PDW1
½" Drywall channel, 4', for use with TP-AL2426 channel series.



TP-AL2426-PDW5
⅝" Drywall channel, 4', for use with TP-AL2426 channel series.